

XVII. The Latitude of Madrafs in the East Indies, deduced from Observations made by William Stephens, Chief Engineer. Communicated by John Call, Esq. F. R. S.

Read February 11, 1778.

		Latitudes of Madrafs,	
Time.	What objects.	from Southern Z. dist.	from Northern Z. dist.
1776, Oct. 4.	Sun — —	13 3 58	— —
5.	Sun — —	13 4 20	— —
19.	Sun — —	13 4 16	— —
22.	Sun — —	13 3 56	— —
Nov. 1.	β Cassiopea — —	— —	13 5 42
	α Cassiopea — —	— —	13 5 58
	γ Cassiopea — —	— —	13 5 44
	δ Cassiopea — —	— —	13 5 39
2.	δ Capricorn — —	13 4 29	— —
	Fomalhaut — —	13 4 29	— —
	β Ceti — —	13 3 55	— —
3.	Moon, this rejected in medium, — —	— —	13 6 58
10.	Sun, very good, — —	13 4 9	— —
	? Lacerta — —	— —	13 5 25
	λ Andromeda (called λ) — —	— —	13 5 25
	β Cassiopea — —	— —	13 5 42
	α Cassiopea — —	— —	13 15 9
		13 4 11	13 5 37

Mean latitude $13^{\circ} 4' 54''$ North.

The above observations were taken with an astronomical brafs quadrant on the top of the house usually inhabited by the chief engineer.

